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Part Number: [36638-0003](#)
Status: **Active**
Overview: CMC Sealed, Hybrid, Modular Connectors and Headers
Description: 2.50mm, 3.50mm CMC Header, Right Angle, 48 Position, 1 Port, Brown, Peg, Lead-Free

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)

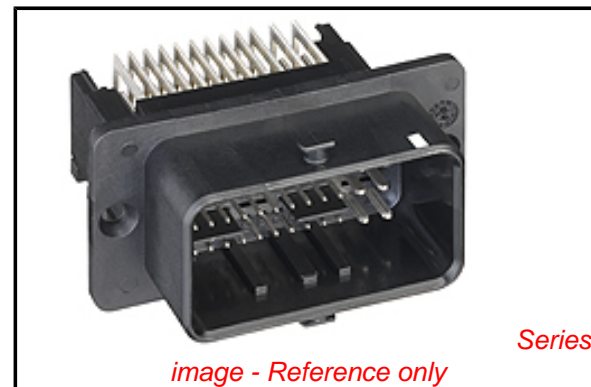
[RoHS Certificate of Compliance \(PDF\)](#)

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 36638 |
| Application | Power, Wire-to-Board |
| Comments | CARTON BOX PACKING |
| Overview | <u>CMC Sealed, Hybrid, Modular Connectors and Headers</u> |
| Product Name | CMC |
| UPC | 822350795692 |

Physical

| | |
|--------------------------------|------------------------------------|
| (p)ower-(s)ignal Configuration | 8p - 40s |
| Breakaway | No |
| Circuits (Loaded) | 48 |
| Circuits (maximum) | 48 |
| Circuits Detail | 8 x 1.5mm & 40 x 0.635mm terminals |
| Color - Resin | Black |
| Durability (mating cycles max) | 20 |
| First Mate / Last Break | Yes |
| Glow-Wire Compliant | No |
| Guide to Mating Part | Yes |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Mated Height | 6.70mm |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 49.183/g |
| Number of Rows | 4 |
| Orientation | Right Angle |
| PC Tail Length | 2.90mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Carton |
| Pitch - Mating Interface | 2.50mm, 3.50mm, 3.70mm |
| Plating min - Mating | 4.064µm |
| Plating min - Termination | 4.064µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Closed Ends |
| Stackable | No |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +100°C |
| Termination Interface: Style | Through Hole |



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[36638Series](#)

Mates With

CMC Connectors [643201319](#) , [643203319](#)

Use With

CMC Connectors [643201311](#) , [643201319](#) , CMC CP Terminals [64322](#) , [64323](#) , CMC Blind Plug for CP Terminal [64325](#) , Wire Cap [643191201](#)

Electrical

Current - Maximum per Contact

6A

Voltage - Maximum

250V AC

Material Info**Reference - Drawing Numbers**

Sales Drawing

SD-36638-002

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